

MANDEL'TSVEYG, V.B.; MENSKIY, M.B.

Unitary multiplet mixtures. IAd. fiz. 1 no.3:551-556 Mr '65.
(MIRA 18:5)
1. Institut teoreticheskoy i eksperimental'noy fiziki Gosudarstven-
nogo komiteta po ispol'zovaniyu atomnoy energii SSSR.

MENSKIY, M.B.

Mass relations in reducible unitary multiplets. IAS. file. 2 no.1:R63-
170 Jl '65. (NTIA 38:8)

1. Moskovskiy gosudarstvennyy universitet.

MENSKIY, M.B.

Mass correlations in SU(3)-symmetry in the mixing of two
irreducible representations. IAd. fiz. 2 no.5:897-905 N
'65. (MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet.

MENSKIY, M.B.

Isoscalar tensor-operators of the SU_3 group and the mass relationships between particles in the octet model. Dokl. AN SSSR 160 no.1: 64-67 Ja '65. (MIRA 18:2)

1. Submitted July 7, 1964.

MENSKIY, M.B.

Mass relationships in an octet model in the case of mixing. Dokl.
AN SSSR 161 no.5:1069-1072 Ap '65. (MIRA 18:5)

1. Submitted November 3, 1964.

POLISHCHUK, M., polkovnik; MENTAL', R., inzhener-podpolkovnik

Make march training the basis of instruction. Voen. vest. 42
no.8:72 Ag '62. (MIRA 15:7)
(Tanks (Military science))

ZALENY, A.; KOZAK, J.; MENTBERGER, J.; STOJARIK, R.

Further physiological studies on the exertion in forestry workers. Cesk.
fysiol. 8 no.3:262-263 Apr 59.

1. Fysiologicky ustav lekarske fak. KU, Plzen Vyzkumny ustav lesniho
hospodarstvi, Zbraslav a Krajska sprava lesu, Plzen. Predneseno na III.
fysiologickych dnech v Brne dne 14. 1. 1959.

(WORK, physiol.
exertion of forestry workers (Cz))

MENTBERGER, Jaroslav, inz.; LOUHA, Ladislav, inz.

Hygiene in operating portable pesticide dispersion motor apparatus.
Les cas 10 no.9:823-834 S '64.

1. Research Institute of Forestry and Game Keeping, Mbraslav-
Strnady (for Mentberger). 2. Institute of Industrial Hygiene and
Occupational Diseases, Prague (for Louha).

MENTBERGER, V.

"The porcelain factory in Plzen."

p. 101. (Cesky Lid., Vol 43, No. 3, 1956, Prague, Czechoslovakia)

GEORGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol 7, No. 12, Dec 58

MENTEMAKHLVILI, I. T.

"About Certain Properties of Cerebral Spinal Fluid in Schizophrenia,
1948, Tbilisi.

~~Transcription: 3,000,000~~

ZURABASHVILI, A. D; MENTESHASHVILI, I.T.

Foremost psychiatrist M. M. Asatiani. Zh. nevropat. psichiat.,
Moskva 52 no.4:72-73 Apr. 1952. (CLML 22:2)

1. Honored Worker in Science, Professor, Corresponding Member
AMS USSR for Zurabashvili; Doctor Medical Sciences, Professor
for Menteshashvili.

MENTESHASHVILI, I.T.

In memory of A.V.Savaneli. Zhur.nevr.i psikh. 53 no.10:827 o '53.
(MLRA 6:10)
(Savaneli, Aleksandr Vasil'evich, 1876-1953)

MENASHASHVILI, I.T.; TATISHVILI, G.G.

Higher medical education should aim at meeting modern requirements.
Sov. zdrav. 18 no.5:17-18 '59. (MIRA 12:7)

1. Iz Tbilisskogo meditsinskogo instituta.
(EDUCATION, MEDICAL,
in Russia (Rus))

GVERDZITELI, I.M.; DOKSOPULO, I.P.; MENTESHASHVILI, M.M.; ASKARAYA, I.I.

Synthesis and study of 5,5-diphenyldibenzosailol and 5,5-diphenyldibenzogermol. Soob. AN Gruz. SSR 40 no.2:333-338 N '65.

(MIRA 19:1)

I. Institut fizicheskoy i organicheskoy khimii AN GruzSSR. Submitted
March 11, 1965.

MENTESHASHVILI, O.; KHARATISHVILI, L.

Geochemistry of Tiflis and adjacent regions. Trudy GPI [Gruz.]
(MIRA 17:9)
no.2:69-79 '63.

MENTESHASHVILI, O. P.: Master Geolog-Mineralog Sci (diss) -- "Hydrogeological
laws of the formation and distribution of pressure levels of underground water
in the northwestern portion of the Alazan' artesian basin". Tbilisi, 1958.
16 pp (Min Higher Educ USSR, Georgian Order of Labor Red Banner Polytech Inst im
S. M. Kirov), 150 copies (KL, No 6, 1959, 135)

MENTESHASHVILI, G.I.

Some data on the ion-salt composition of rocks distributed
in the Kutaiesi region. Trudy GPI [Gruz.] no.2:79-87 '63.
(MITA 17:9)

ACC NR: AR6035041

SOURCE CODE: UR/0058/66/000/008/G023/G023

AUTHOR: Loladze, T. N.; Menteshashvili, V. N.

TITLE: Plasma unit with water stabilization of the arc

SOURCE: Ref. zh. Fizika, Abs. 8G172

REF SOURCE: Tr. Gruz. politekhn. in-t, no. 5(103), 1965, 63-76

TOPIC TAGS: plasma cutting, metal cutting, arc stabilization

ABSTRACT: A plasmatron with water stabilization of the arc, for cutting various materials, is described. Kinematic and hydraulic diagrams for the unit are presented. The plasma method of metal cutting is compared with other methods; the advantages of the plasma method are noted. [Translation of abstract] [NT]

SUB CODE: 20/

Card 1/1

MENTESHEV, M., inzh.

A graphoanalytic method for the determination of the optimum variant in supplying the underground mines with electric power.
Godishnik Min geol inst 7 no.1:91-111 '60/'61.

SOTIROV, Stefan, inzh.; MENTESHEV, Mento, inzh.

Results from tested semifinished models nonlinear resistance for
valve outlets produced in Bulgaria. Elektroenergiia 12 no.6:13-16
'61.

(Electric current rectifiers)

DANAILOV, D., dots, inzh.; ANEV, G., inzh.; MENTESHEV, N., inzh.; MATEV,
M., inzh.; KOVACHEV, V., inzh.

Load of mine power transformers. Min delo 17 no.4:6-8 Ap '62.

1. Minno-geologhki institut.

MENTESHEV, M., inzh.

Short circuits, and protection of mine networks with voltage
of 42 v. Min delo 18 no. 5:6-9 My '63.

1. Minno-geologhki institut.

ANEV,G.; MENTESHEV, M.

Certain problems of supplying mines with electric power in Bulgaria.
Archiw gorn 9 no.2:215-224 '64.

Certain problems of stationary lighting in mines. Ibid.:225-232

DAMATOV, Dr., Mts. 1965, and V. G. Tikhonov, Dr. of Geography, by the
min.; KOVACHEV, Dr. St., 1965, and V. V. KARAEV, Dr. of Geology, by the min.

Studies on the energy balance of the mountain areas of the Caucasus
of energy indicate a large amount of heat flux (in kcal/m² day)
available there.

MENTKA .

MENTKA . (revers).

A special method for solving equations. Mat.v snkole no.5:93
Sv. 57.
(Equations, Quartic)

MENTKEVICH, L. M.

GUTMAN, H.R.; MENTKEVICH, L.

Significance of Virus A₁ in the epidemic process in influenza.
Zhur. mikrobiol. epid. i immun. no. 9:38-43 S '54. (MLRA 7:12)

1. Iz otdela virusov Gosudarstvennogo kontrol'nogo instituta imeni Tarasevicha (dir. S.I.Didenko) i kafedry epidemiologii (zav. prof. V.D.Solov'yev) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina.

(INFLUENZA, epidemiology,

role of influenza virus A₁ in increased hibernal morbidity)

(INFLUENZA VIRUSES,

A₁, significance in increased hibernal morbidity of influenza)

1. Chlen-korrespondent AMN SSSR (for Zhdanov)

MAKOWER, Henryk; MENTKEVICH, L. [translator]; ZHDANOV, V.M., redaktor;
GOLOSHCHAPOVA, A.F., redaktor; SENCHILO, K.K., tekhnicheskiy
redaktor

[Influenza. Translated from the Polish] Gripp. Perevod s pol'skogo
L.Mentkevicha. Pod red. V.M.Zhdanova. Moskva, Gos. izd-vo med.
lit-ry, 1956. 322 p. (MLRA 10:3)

1. Chlen-korrespondent AMN SSSR (for Zhdanov)
(INFLUENZA)

SOLOV'YEV, V.D.; GUTMAN, N.R.; MENTKEVICH, L.M.; KROPOTOVA, N.I.

Virological investigations of Bornholm disease. Vop.virus.
4 no.3:301-305 My-Je '59. (MIHA 12:8)

1. Moskovskiy institut preparatov protiv poliomiyelita Minister-
stva zdravookhraneniya SSSR.
(PLEURODYNA, EPIDEMIC, epidemiol.
in Russia (Rus))

SOLOV'YEV, V.D.; GUTMAN, N.R.; MENTKEVICH, L.M.; KROPOTOVA, N.S.

Properties of strains of Coxsackie virus B isolated in the City of
Friazino. Vop. virus. 5 no. 2:193-199 My-S '60. (MIRA 14:4)

1. Moskovskiy institut preparatov protiv poliomiyelita.
(COXSACKIE VIRUSES)

MENTKEVICH, L.M.; GUTMAN, N.R.

Biological importance of serum inhibitors in experimental influenza. Trudy Mosk. nauch.-issl. inst. virus. prep. 2:
37-44 '61. (MIRA 17:1)

SOLOV'YEV, V.D.; GUTMAN, N.R.; MENTKEVICH, L.M.

Study of the serological properties of the Coxsackie B-3
virus. Trudy Mosk. nauch.-issl. inst. virus. prep. 2:146-152
(MIRA 17:1)
'61.

GUTMAN, N.R.; GENDON, Yu.Z.; MENTKEVICH, L.M.; FAL'KOVA, I.I.

Mixed infection and interference of poliomyelitis and
Coxsackie viruses. Trudy Mosk. nauch.-issl. inst. virus.
(MIRA 17:1)
prep. 2:153-157 '61.

KHESIN, Ya.E.; MENTKEVICH, L.M.

Karometry investigations on the effect of interferon on mono-layer cultures of chick embryo cells. Acta virol. (Praha) [Eng.] 9 no.2:190 Mr'65.

1. The Gamaleya Institute of Epidemiology and Microbiology,
U.S.S.R., Academy of Medical Sciences, Moscow.

MENTKEVICH, L.M.

Interference of enteroviruses in tissue cultures. Vop. virus. 10
no.1:50-55 Ja-F '65. (MIRA 18:5)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR,
Moskva.

PASECHNIK, M.V. [Pasichnyk, M.V.]; LUBCHENKO, A.F.; MENTKOVSKIY, Yu.L.
[Mentkovs'kyi, Iu.L.]

Ninth International Conference on High energy Physics. Ukr.
fiz.zhur. 4 no.6:816-830 N-D :59. (MIRA 14:10)
(Nuclear physics--Congresses)

83180

S/056/60/039/002/017/044
B006/B056

24.4500

AUTHOR: Mentkovskiy, Yu. L.

TITLE: The Perturbation Theory for Large Quantum Systems

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki,
1960, Vol. 39, No. 2(8), pp. 317-321

TEXT: The difficulties connected with the perturbation-theoretical treatment of a system with a large number of degrees of freedom may today be looked upon as overcome. One of the possibilities of treating such problems is the Hugenholtz method (Ref. 1) which was extended by Van Hove (Refs. 2,3), but the expansions in series used by these authors are not well suited for practical application because of the complexity of the energy denominators. Such an example is discussed in the introduction: The energy of a perturbed system is expressed by the eigenvalues of the operator: $G(z) = (V + V(z - H_0 - G(z)))^{-1}$. $V + \dots$ id. H_0 denotes the Hamiltonian of the unperturbed system, V - the energy of perturbation, and z - a complex number; the subscript id means that in the calculation of

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The Perturbation Theory for Large Quantum
Systems

S/056/60/059/002/017/044
B006/B056

matrix elements, only the irreducible diagonals are taken into account. In order to avoid denominators of the form $(z - H_0 - G(z))$, the author suggests a new form of the Van Hove - Hugenholtz perturbation-theoretical expansion. He obtains series that have an unperturbed denominator of the form $(z - H_0)$. Thus, they are more simple in construction, and are better suited, e.g., for calculating excited states. Derivation of the new forms of the series is shown to be very simple. There are 1 figure and 6 references: 1 Soviet, 3 Dutch, 1 British, and 1 US.

ASSOCIATION: Institut fiziki Akademii nauk Ukrainskoy SSR
(Institute of Physics of the Academy of Sciences of the
Ukrainskaya SSR) ✓

SUBMITTED: January 22, 1960

Card 27

MENTKOVSKIY, Yu.L. [Mentkovs'kyi, Iu.L.]

On Van Hove's theory of "dressed" particles. Ukr.fiz.zhur. 7
no.5:565-566 My '62. (MIRA 16:1)

1. Institut fiziki AN UkrSSR, Kiyev.
(Particles (Nuclear physics))

MENTKOVSKII, Yu. L.

S/185/62/007/006/003/014
D407/D301

AUTHOR: Mentkov's'kyy, Yu. L.
TITLE: Analytical properties of partial scattering amplitudes
of charged particles. I. s-waves
PERIODICAL: Ukrayins'kyy fizichnyy zhurnal, v. 7, no. 6, 1962,
593-600

TEXT: The analytical properties of the s-amplitude of scattering
are considered for the case in which the particles are under the
action of Coulomb forces, in addition to the nuclear forces. The
author proceeds from the equation

$$\left(\frac{d^2}{dr^2} - v(r) + k^2 \right) \varphi(k;r) = 0 \quad (2)$$

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S/185/62/007/006/003/014
D407/D301

Analytical properties of ...

where

$$v(r) = a/r + v(r), a > 0$$

and

$$v(r) \equiv 0 \text{ if } r \geq r_0 \quad (3)$$

The solution to Eq. (2) contains the momentum function $S(k)$ which
represents the s-amplitude under consideration. This function is
given by the formula

$$S(k) = M(-k)/M(k) \quad (5)$$

where $M(k) = f(k;0)$. Hence the study of $S(k)$ reduces to that of
 $M(k)$. The Coulomb solution is expressed by Whittaker's function
 $f_0(k;r)$. Two linearly independent solutions $c(k;r)$ and $s(k;r)$ of
Eq. (2) are constructed in the region $0 \leq r \leq r_0$. For $M(k)$ one ob-

S/185/62/007/006/003/014
D407/D301

Analytical properties of ...

tains

$$M(k) = f_o(k; r_o)c(k; 0) - f'_o(k; r_o)s(k; 0). \quad (10)$$

It was found that $c(k; r)$ and $s(k; r)$ are analytic, regular and even functions of k in the entire open plane for any $r \in [0; r_o]$. Whittaker's function $f_o(k; r_o)$ and its derivative (with respect to r_o) are analytic and regular (except at the point $k = 0$). From Eq. (10), it follows that $M(k)$ is analytic and regular in the entire open plane, except at the point $k = 0$, and possibly at the branch cut $\text{Re}k = 0$, $\text{Im}k < 0$, along which $M(k)$ may be discontinuous. For many problems, however, it is sufficient to know the behavior of $M(k)$ in the upper half-plane. It is shown that all the zeroes of $M(k)$ in the upper half-plane (provided that they exist) are simple and located on the imaginary axis only. These zeroes correspond to the bound states of the system (except the zero at the point $k = 0$). Further, it is shown that all the zeroes form under certain conditions a finite

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Analytical properties of ...

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D407/D301

set; the formalism thereby used differs from the preceding one,
being based on Volterra's integral equation for $f(k;r)$. There is
1 figure.

ASSOCIATION: Instytut fizyky AS UkrRSR Kyyiv (Institute of Physics of the AS UkrRSR, Kiyev)

SUBMITTED: February 19, 1962

Card 4/4

S/135/62/007/009/001/006
D237/D303

AUTHOR: Mentkov's'kyy, Yu.L.
TITLE: Theory of disturbances for large quantum systems
PERIODICAL: Ukrayins'kyy fizichnyy zhurnal, v. 7, no. 9, 1962,
929-959
TEXT: The article is a review based on papers of Van Hove, Hugenholtz and Bloch. The following subjects are considered: Van Hove's stationary theory of disturbances, Hugenholtz's diagrams, fundamental state of a system according to Bloch, separation of intensive and extensive quantities, Bloch's exponential formula, excited states according to Hugenholtz (basic formula, Van Hove series obtained from diagrams, energies of excited states, disturbed wave functions). The author mentions Van Hove's attempt to apply the theory to 'clothed' particles and states that he regards it as unsatisfactory. He points out that the series used in the theory need not be convergent. The statistical theory is mentioned, in particular M.M. Bogolyubov's contribution to it, as well as reviews by D.N.

Card 1/2

Theory of disturbances ...

S/185/62/007/009/001/006
D237/D308

Zubarev, V.L. Bonch-Bruyevich and Sh.M. Kogan. There are 11 figures.

ASSOCIATION: Instytut fizyky AN URSR Kyiv (Institute of Physics,
AS UkrSSR, Kiev)

SUBMITTED: July 4, 1961

Card 2/2

MENTKOVSKIY, Yu.L. [Mentkovs'kyi, Iu.L.]

Analytical properties of partial scattering amplitudes of charged particles. Part 2. Arbitrary 1. Ukr.fiz. zhur. 7 no.9:960-966 S '62
(MIRA 15:12)

1. Institut fiziki AN UkrSSR, Kiyev.
(Scattering (Physics)) (Angular momentum)

S/185/63/008/001/003/024
D234/D308

AUTHOR: Mentkovs'kyy, Yu. L.

TITLE: Analytical properties of partial scattering amplitudes
of charged particles (III: arbitrary λ ; point par-
ticles)

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 8, no. 1, 1963,
17-25

TEXT: The author considers the solutions of the l -th Schrödinger
equation for $V(r) = a/r + v(r)$, a being positive and $v(r) = 0$ for
 r larger than r_0 . The solution is assumed in the form

$$\varphi_l(k; r) = M_l^+(k) f_l^-(k; r) - (-1)^l M_l^-(k) f_l^+(k; r) \quad (6)$$

where

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Analytical properties of ...

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D234/D308

$$\bar{M}_l^{\pm}(k) = \lim_{r \rightarrow 0} (\mp 2ikr)^{\frac{1}{2}} \bar{\varepsilon}_l^{\pm}(k; r) \quad (7)$$

The analytical properties of solutions with $V(r) = a/r$ (Whittaker's functions) are discussed. It is established that $M_l(k)$ is analytical in the whole open plane with a cut along $\text{Re}k = 0$ ($\text{Im}k < 0$) and regular except at $k = 0$ and possibly at

$$k_m = -\frac{ia}{2(1+m)} \quad (m = 1, 2, 3, \dots) \quad (18)$$

There are 3 figures.

ASSOCIATION: Instytut fiziki AN URSR (Institute of Physics of the AS UkrSSR)

SUBMITTED: July 27, 1962

Card 2/2

MENTKOVSKIY, Yu.L. [Mentkovs'kyi, Iu.L.]

Analytical properties of partial scattering amplitudes of charged particles. Part 4. Fredholm's method. Ukr. fiz. zhur. 8 no.1:
144-145 Ja '63. (MIRA 16:5)

1. Institut fiziki AN UkrSSR, Kiyev.
(Scattering (Physics)) (Particles (Nuclear physics))

MENTKOVSKIY, Yu.L. [Mentkovs'kyi, Iu.L.]

Scattering amplitudes of charged particles with small momenta.
Ukr. fiz. zhur. 9 no.11:1169-1175 N '64 (MIRA 18:1)

1. Institut fiziki AN UkrSSR, Kiyev.

L 2842-66 EWT(m) DIAAP

ACCESSION NR: AP5024125

UR/0185/65/010/009/0952/0959

13

12

13

AUTHOR: Mentkovs'kyy, Yu. L. (Mentkovskiy, Yu. L.)

TITLE: Complex angular momentum in nuclear-Coulomb scattering 19

SOURCE: Ukrayins'kyy fizichnyy zhurnal, v. 10, no. 9, 1965, 952-959

TOPIC TAGS: Coulomb scattering, Regge trajectory, potential scattering, nuclear scattering

ABSTRACT: The present author applies analytical methods to the study of potential scattering. One of the most interesting problems in this domain is the scattering of charged particles since the electrical forces must be taken into account at low and intermediate energies, and they may be of importance even during relativistic treatments of strong interactions. The article describes the extension of Regge's idea to the case of Coulomb scattering on nuclear Coulomb potential

$$V(r) = \frac{a}{r} + v(r); \quad \left. \begin{array}{l} a > 0; \int_0^{\infty} dr r |v(r)| < \infty \end{array} \right\}$$

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L 2842-66

ACCESSION NR: AP5024125

The Legendre polynomial expansion must be applied to the difference between the total and the purely Coulomb amplitudes (instead of to the total scattering amplitude). Since the denominator of the partial amplitude turns out to be a Jost function, it is not difficult to introduce the Regge trajectory concept.
Orig. art. has: 40 formulas and 1 figures.

ASSOCIATION: Instytut fizyky AN URSR, Kiev (Physics Institute, AN Ukr SSR)

SUBMITTED: 26Sep64

ENCL: 00

SUB CODE: NP

NO REF Sov: 007

OTHER: 004

BVK
Card 2/2

MENTLER, L.

Breeding and production results at sheep farms of experimental farms
in 1954-55, p. 321, AGRARTUDOMANY (Micsurin Agrartudomanyi Egyesulet)
Budapest, Vol. 8, No. 7, July 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

MENTLER, L.

Development of our stock of horned cattle in the mirror of data in
the herdbook. p. 323, AGRARTUDOMANY (Micsurin Agrartudomanyi
Egyesulet) Budapest, Vol. 8, No. 7, July 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

MENTLER, L.

MENTLER, L. Breeding and production results in 1954/55 from dairy farming
on experimental farms. p. 20.

Vol. 11, No. 10, May 1956

MAGYAR MEZAGAZDASAG

AGRICULTURE-

Budapest, Hungary

SO: EAST EUROPEAN ACCESSIONS, VOL. 6, no. 3, March 1957

MENTLER, L.

MENTLER, L. Breeding and production results in 1954-55 of dairy farming on experimental farms. p. 18.

Vol. 11, No.11, June 1956

NAGYAR KEZOGAZI ASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 3, May 1957

MENTLER, Laszlo

HUNGARY

Animal Husbandry Research Institute, Department
of Zoology and Animal Foods (Allattenyesztesi
Kutatointezet Allatelettani es Takarmanyozasi
Osztalya), Budapest

Budapest, Allattenyesztes, No 3, Sep 62, pp 215-220.

"Experimental Feeding of Piglets with Raw Beet Paste."

SOV/111-59-5-16/32

AUTHOR: Mentov, A.S., Supervisor

TITLE: We Ease the Work of Mailmen

PERIODICAL: Vestnik svyazi, 1959, Nr 5, p 20 (USSR)

ABSTRACT: The mailmen of the Krasnopresnenskaya post office in Moscow must handle a great volume of mail. They deliver daily 210,000 newspapers and periodicals, about 100,000 letters and 10,000 money orders. Since there is difficulty in obtaining additional mail carriers, measures had to be taken to ease their work. This is done by delivering mail and newspapers to storage boxes located within the mailmen's districts. Further, letterboxes were installed at the entrances of multi-story apartment buildings. There is 1 photograph.

ASSOCIATION: Krasnopresnenskaya kontora svyazi Moskvy (Krasnopresnenskaya Post Office, Moscow)

Card 1/1

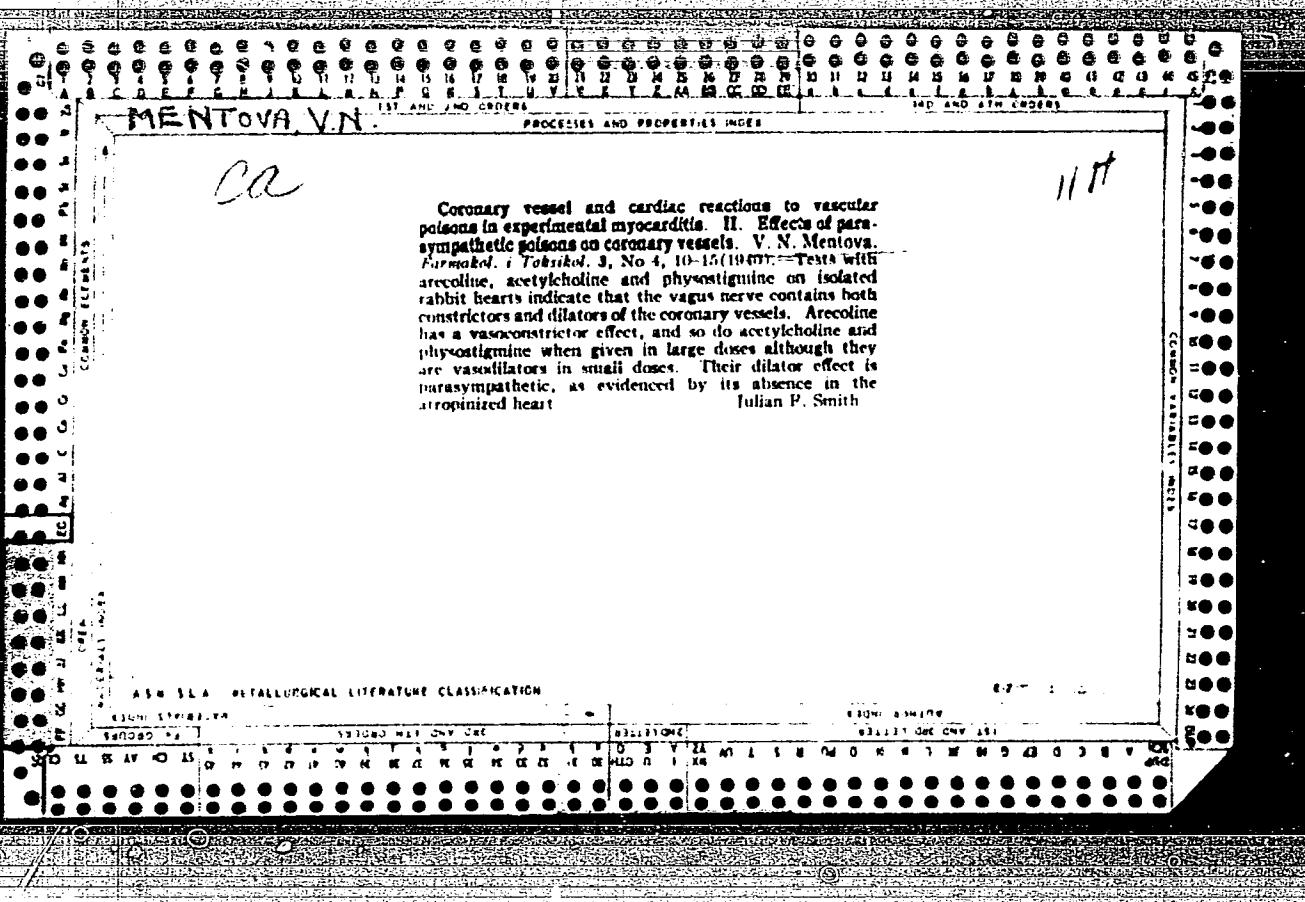
RABINOVICH, R.I. Prinimali uchastiye: ALEGLAN, L.K., kand. sel'khoz. nauk; BARABANOVA, N.N.; BOSENKO, K.S.; VINNIK, V.V.; GRIGORCHUK, Ye.V.; GUMEROV, A.Kh.; DOBROCHASOV, D.P.; ZAMURAYEV, I.V.; ZAYTSEVA, A.G., kand. sel'khoz. nauk; KOL'TSOV, N.A.; LEVITIN, Kh.Z., kand. biol. nauk; LISITSKIY, B.Ya.; MATYASH, G.P.; MENTOV, A.V.; RABINOVICH, R.I.; SAL'NIKOV, V.V.; SVECHNIKOV, I.V.; SIMONOV, P.K.; SMIRNOV, V.V.; SMIRNOV, L.P.; SMIRNOVA, V.I.; STEPANOVA, V.I.; TARASOV, A.A.; FILATOVICH, V.V., kand. sel'khoz. nauk; FEDOROV, N.G., kand. tekhn. nauk; TSAPLIN, M.F.; KHROMOV, L.V.; DAVYDOVA, I., red.; PAL'MINA, N., tekhn. red.

[Sverdlovsk in Agricultural Exhibition of 1959] Sverdlovskaya sel'-khoziaistvennaya vystavka. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, (MIRA 14:10) 1960. 131 p.

1. Sverdlovsk. Sverdlovskaya oblastnaya sel'skokhozyaystvennaya vystavka, 1959.
(Sverdlovsk—Agricultural exhibitions)

MENTOVA, V. N.

Mbr., Dept. Pharmacology, All-Union Inst. Extl. Medicine im. A. M. Gor'kiy, Moscow, -1939-. "The Response to Vascular Drugs of the Heart and Coronary Vessels in Experimental Myocarditis: I. The Production of Myocarditis Effect upon the Coronary Vessels of Drugs with General Cellular Action," Farmakol. i Teksikol., 2, No. 5, 1939; III. The Effect of Sympathetic Poisons on the Coronary Vessels," ibid., 4, No. 4-5, 1941.



PAVLOVA, N.Ya.; MYAZDRIKOVA, A.A.; SAMOYLOVA, Z.T.; POLYAKOVA-KONDORSKAYA,
N.B.; MIRZOYAN, S.A.; MENTOVA, V.^[N.]

Pharmacology and Toxicology Section of the Moscow Society of Physiologists,
Biochemists and Pharmacologists. Farm. i toks. 16 no.1:59-60 Ja-
F '53. (MLRA 6:6)

1. I MOIMI (for Pavlova, Myazdrikova and Polyakova-Kondorskaya). 2. Institut terapii Akademii meditsinskikh nauk SSSR (for Samoylova). 3. Yeravanskiy meditsinskiy institut (for Mirzoyan).

(Pharmacology--Societies) (Physiology--Societies) (Biochemistry--
Societies)

KAKUSHKINA, Ye.A.; MENTOVA, V.N.

Chemical factors of neural stimulation in experimental hypertension.
Fiziol. zh. SSSR 39 no.3:324-333 May-June 1953. (CML 25:1)

1. Institute of Therapy of the Academy of Medical Sciences USSR, Moscow,

KAKUSHKINA, Ye.A.; MENTOVA, V.N.

Changes in the blood cholinesterase and the effect of phosphacol on hypertension in dogs. Trudy Vses. ob-va fiziol. biokhim. i farm. 2: 206-213 '54. (MIRA 8:7)

1. Institut terapii Akademii meditsinskikh nauk SSSR.

(PHOSPHATES, effects,

diethyl p-nitrophenyl phosphate, on blood cholinesterase
& exper. hypertension)

(BLOOD,

cholinesterase in exper. hypertension, eff. of diethyl
p-nitrophenyl phosphate)

(CHOLINESTERASE, in blood,

in exper. hypertension, eff. of diethyl p-nitrophenylph
phosphate)

(HYPERTENSION, experimental,

blood cholinesterase in & eff. of diethyl p-nitrophenyl
phosphate)

MENTOVA, V.N.

Effect of certain drugs on conditioned and unconditioned reflex pressor reactions in experimental hypertension. Farm. i toks. 17 no.5:13-18 S-0 '54. (MLRA 7:11)

1. Institut terapii AMN SSSR (dir. deystvitel'nyy chlen AMN SSSR
A.I.Myasnikov)

(HYPERTENSION, experimental,
eff. of various drugs on conditioned & unconditioned
reflex pressor reactions)

(REFLEX, CONDITIONED,
eff. of various drugs on conditioned & unconditioned
reflex pressor reactions in exper. hypertension)

(REFLEX,
unconditioned, eff. of various drugs on conditioned &
unconditioned reflex pressor reactions in exper.
hypertension)

MENTOVA, V.N.

Changes in the conditioned reflex and unconditioned reflex pressor reactions in dogs with hypertension under the influence of depressive substances. Trudy Vses. ob-va fiziol., biokhim. i farm. 4:147-148 '58. (MIRA 14:2)

1. Institut terapii AMN SSR. Direktor instituta prof. A.L. Myasnikov.
(HYPERTENSION) (REFLEXES)

MENTOVA, V.N.; SAMOYLOVA, Z.T.; SMAZHNOVA, N.A.

Hypotensive and adrenolytic action of sympatholytin. Trudy
Vses. ob-va fiziol., biokhim. i farm. 4:149-156 '58.
(MIRA 14:2)

1. Institut terapii AMN SSSR. Direktor instituta prof. A.L.
Myasnikov.
(SYMPATHOLYTICS)

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R00103

MENPOVA, V.N.

Reactivity of the cerebral cortex and changes in the higher nervous
activity in experimental renal hypertension. Gip.bol. no.5:98-112
'58. (MIRA 13:5)
(CEREBRAL CORTEX) (HYPERTENSION)

APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R00103

MENTOVA, V.N.

Influence of aminazine on arterial pressure and on the central nervous
function in dogs with experimental hypertension. Gip.bol. no.5:136-
154 '58. (MIREA 13:5)
(HYPERTENSION) (CHLORPROMAZINE) (BLOOD PRESSURE) (REFLEXES)

MENTOVA, V.N.; SAMOYLOVA, Z.T. (Moskva)

Dynamics of the development of cardiovascular disorders with changes
in blood lipids during the production of experimental atherosclerosis
in dogs. Pat.fiziol.i eksp.terap. 4 no.4:32-38 Jl-Ag '60.
(MIRA 14:5)
1. Iz Instituta terapii (dir.- deystvitel'nyy chlen AMN SSSR
prof. A.L.Myasnikov) AMN SSSR.
(ARTERIOSCLEROSIS) (LIPIDS)

MENTOVA, V.N.; SAMOYLOVA, Z.T.

Effect of dioquine on the arterial pressure of dogs with experimental hypertension. Khim. i med. no.15:125-130 '60. (MIRA 15:1)

1. Iz patofiziologicheskoy laboratorii Instituta terapii AMN SSSR.
(dir. - deystvitel'nyy chlen AMN SSSR prof. A.L.Myasnikov).
(BLOOD PRESSURE) (HYPERTENSION)
(DIOQUINE--PHYSIOLOGICAL EFFECT)

PERSHIN, Grigoriy Nikolayevich; GVOZDEVA, Yelena Ivanovna; MENTOVA, V.N.,
red.; KUZ'MINA, N.S., tekhn. red.

[Textbook in pharmacology] Uchebnik farmakologii. Moskva, Gos.
izd-vo med. lit-ry Medgiz, 1961. 402 p. (MIRA 14:7)
(PHARMACOLOGY)

SAMOILOVA, Z.T.; MENTOVA, V.N.

The effect of hypertension on cholesterolaemia and the reactivity
of the vascular system in dogs on a chronic cholesterol regime.
Cor vasa 5 no.1:72-79 '63.

1. The Institute of Internal Medicine, Academy of Medical Sciences,
Moscow, USSR.
(ARTERIOSCLEROSIS) (METHYLTHIOURACIL) (CHOLESTEROL)
(HYPERCHOLESTEROLEMIA) (HYPERTENSION)

MENTS, P.

An example of a set of characteristic zero. Vest. LGU 20 no.7;
159-163 '65. (MIRA 18:5)

MENTSEL', D'yerd

AUTHORS: Laslo Chordash and D'yerd' Mentsel' 70-3-3-25/36

TITLE: Determination of the Dimensions of the Elementary Cell of
the Space Group of the Hydrate of Potassium Thiosulphate
 $K_2S_2O_3 \cdot 1/3H_2O$ (Opredeleniye razmerov elementarnoy yacheyki
prostranstvennoy gruppy 1/3 gindrata tiosul'fata kaliya
 $K_2S_2O_3 \cdot 1/3H_2O$)

PERIODICAL: Kristallografiya, 1958, Vol 3, Nr 3, pp 372 - 373
(USSR)

ABSTRACT: From Weissenberg photographs the dimensions of the unit cell of $K_2S_2O_3 \cdot 1/3 H_2O$ were found to be $a = 9.389 \pm 0.004 \text{ \AA}$, $b = 6.00 \pm 0.03$ and $c = 30.98 \pm 0.02$ and $\beta = 98^\circ 22' \pm 03'$. The space group was found to be $P2_1/c$, $d_{\text{obs.}} = 2.262 \pm 0.002$ and $Z = 12$. Powder photographs showed weak lines not in the ASTM index. There are 4 references, 2 of which are German, 1 English and 1 French.

ASSOCIATION: Institut eksperimental'noy fiziki Budapeshtskogo universiteta im. Loranda Etvesh (Institute of Experimental Physics, Lorand Eötvös University, Budapest)

SUBMITTED: February 10, 1957.

Card 1/1

BATALOV, N. (Stalingorsk); MENTSINGER, V. kifosker (Moskva); DEDKOVSKIY, M.,
(g. Yakutsk); ICHITOVKIN, Ye. (g. Vyborg). SERGEYEV, A.; GRAfov, V.;
ALESHECHKIN, V. (Moskva); LIKHANOV, A. (g. Kirov); USTINOV, A. (g. Noginsk).

Letters to the editor. Sov. foto 19 no.2:86-87 F '59.

(MIRA 12:3)

1. Mosknigotorg (for Mentsinger).
(Photography)

MENTSOV, A. F.

MENTSOV, A. F. "Smelting iron in converters with a draft enriched with oxygen", Kislodrod 1948, No. 6, p. 33-46, - Bibliog: 12 items.

SC: U-3042, 11 March 53, (Letopis 'Churnal 'nukh Statey, No.7 1948).

L 29358-66 EEC(k)-2/EWP(k)/EWT(l)/EWT(m)/FBD/ETC(f)/T/EWP(e)/EWP(t)/ETI IJP(c)
ACC NR: AP6018574 SOURCE CODE: UR/0181/66/008/006/1953/1954

AUTHOR: Grasyuk, A. Z.; Yefimkov, V. F.; Zubarev, I. G.; Katulin, V. A.
Mentzer, A. N.

ORG: Physics Institute im. P. N. Lebedev, AN SSSR, Moscow (Fizicheskiy
institut AN SSSR); Moscow Institute of Steel and Alloys (Moskovskiy
institut stali i splavov)

TITLE: CdSe semiconductor laser with two-photon optical excitation

SOURCE: Fizika tverdogo tela, v. 8, no. 6, 1966, 1953-1954

TOPIC TAGS: laser, semiconductor, semiconductor laser, cadmium selenide

ABSTRACT: Laser action is reported in CdSe excited with a Q-switched neodymium-doped glass laser. Since the energy of the exciting radiation $h\nu = 1.17$ ev is smaller than the width of the forbidden band in CdSe ($\Delta = 1.88$ ev at 77K) the stimulated emission was attributed to two-photon absorption. The $8 \times 4 \times 2$ mm sample was cooled to 77K. The exciting radiation was incident on the 8×4 mm face of the sample perpendicular to the Fabry-Perot cavity. The emission observed is shown in Fig. 1. The peak occurred at 6972 \AA ($h\nu = 1.78$ ev). At an excitation density of 1 MW/cm^2 the halfwidth of the spontaneous emission was

Card 1/2

L 29358-66

ACC NR: AP6018574

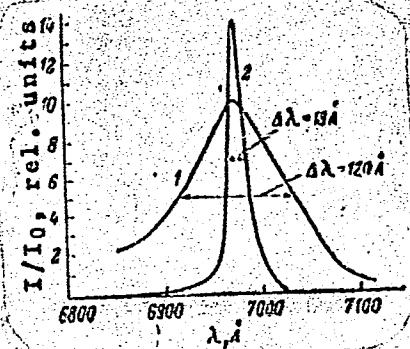


Fig. 1. The emission spectrum of CdSe at an intensity of exciting radiation of 1 Mw/cm^2 (1) and 7 Mw/cm^2 (2)

3

120 Å. Generation occurred at a density of exciting radiation of 7 Mw/cm^2 (the halfwidth narrowed down to 18 Å, the intensity of emission increased by two orders of magnitude, and directivity was $1-2^\circ$). The external quantum efficiency with regard to the energy of the exciting light penetrating the sample was 0.5%. A second harmonic of the exciting radiation at 5300 Å was observed when the pump light was parallel to the c-axis of the sample. The threshold intensity for excitation of CdSe was three times smaller than in optically pumped CdAs. An attempt to attain laser action in CdSe by ruby-laser pumping was

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[CS]
SUB CODE: 20 / SUBM DATE: 03Jan66 / ORIG REF: 0037 ADD PRESS 50110

Card 2/2 1c

L 42933-66 EWT(m)/EWP(t)/ETI JD/WW/JG

ACC NR: AP6013309

SOURCE CODE: UR/0413/66/000/008/0102/0102

INVENTOR: Stepanov, B. N.; Maslan, L. B.; Mentsov, B. A.

ORG: none

TITLE: Waveguide system for working melts. Class 42, No. 180871

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 102.

TOPIC TAGS: waveguide, converter, laboratory instrument, ~~ultrasonic converter~~

ABSTRACT: An Author Certificate has been issued describing a waveguide system for treating melts. It contains an ultrasonic converter, an adaptor, and a tool. To make use of the entire tool, extension waveguides of different lengths are installed between the adaptor and tool to compensate for the wear of the titanium tool (see Fig. 1). Orig. art. has: 1 figure. [Translation] [NT]

Card 1/2

UDC: 621.9.048.6.004.6

L 42933-66

ACC NR: AP6013309

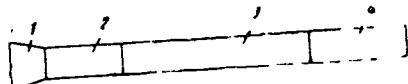


Fig. 1. Waveguide system for working
melts.
1—converter; 2—adaptor;
3—extension waveguide;
4—tool.

SUB CODE: 11, *09/* SUBM DATE: 06Jun64/

Card 2/2 MLP

MENTSOV, D. A., SIMONOV, N. I.

Bast

Experience with the Stakhanov system in bast fiber mills.
Tekst. prom., No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

MENTSOV, V.S., inzh.; VASIL'YEV, S.S., doktor khimicheskikh nauk, prof.

Studying the kinetics of gluing samples of unbleached cotton fabrics with casein adhesives. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1:71-79 '60. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
Rekomendovana kafedroy fiziki.
(Adhesives) (Cotton fabrics)

MENTSOV, V. S., inzh.; VASIL'YEV, S. S., doktor khimicheskikh nauk, prof.

Use of high-frequency current for gluing fabrics. Izv.vys. ucheb.
zav.; tekhn.leg.prom. no.4:113-118 '61. (MIRA 14:10)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
Rekomendovana kafedroy fiziki.

(Gluing)

(Induction heating)

MENTSOV, V.S., starshiy prepodavatel'; LYUBOVTSOVA, M.D., inzh.;
VASIL'YEV, S.S., doktor khim. nauk, prof.

Effect of the voltage of the electric field on the speed and
strength of fabric gluing by means of high frequency currents.
Nauch. trudy MTILP no.24:65-69 :62. (MIRA 16:7)

1. Kafedra fiziki Moskovskogo tekhnologicheskogo instituta
legkoy promyshlennosti.
(Gluing) (Induction heating)

AKHTSOV, V.S., starshiy prepodavatel'; VASIL'YEV, S.S., doktor khim.
nauk, prof.

Effect of the voltage of the electric field on the gluing of
shoe materials by means of high frequency currents. Nauch.
trudy MTILP no.24:73-75 '62. (MIRA 16:7)

1. Kafedra fiziki Moskovskogo tekhnologicheskogo instituta
legkoy promyshlennosti.
(Gluing) (Induction heating)

MENTSOV, V.S., starshiy prepodavatel'; VOLODINA, N.Ya.; VASIL'YEV, S.S.,
doktor khim. nauk, prof.

Kinetics of the gluing of shoe materials by means of high-
frequency currents. Nauch. trudy MTILP no. 24:69-73 '62.
(MIRA 16:7)

1. Kafedra fiziki Moskovskogo tekhnologicheskogo instituta
legkoy promyshlennosti.
(Gluing) (Induction heating)
(Shoe manufacture)

MENTSOV, V.S., kand. tekhn. nauk, dotsent; VASIL'YEV, N.S., doktor
khimicheskikh nauk, prof.

Application of high-frequency currents in the cementing of sole.
Nauch. trudy MTILP no.30:117-119 '64.

Kinetic analysis of the gluing of the materials for clothing
and shoe manufacture by means of various adhesives. Report
No.1. Ibid.:120-129

1. Kafedra fiziki Moskovskogo tekhnologicheskogo instituta
legkoy promyshlennosti.

HUNGARY

ONCOLOGY

MENTUS, Miklos, Dr., NAGY, Andras, Dr.; Megye Hospital of Szolnok (director: SCHLAMMADINGER, Jozsef, Dr.), Departments of Urology and Pathological Anatomy (Szolnoki Megyei Korhaz, Urológiai és Korbonctani Osztaly).

"Carcinoma of a Bladder Diverticulum with Metastasis to the Heart."

Budapest, Magyar Sebeszet, Vol XIX, No 2, Apr 66, pages 138-140.

Abstract: [Authors' Hungarian summary] The case of a 71 year old patient with abdominal tumor is described. The location of the tumor could not be pinpointed during examination and exploratory laparotomy was performed. The tumor, with a histological appearance of carcinoma, originated from a diverticulum of the urinary bladder. At autopsy, subendocardial tumor metastasis was discovered in the left ventricle of the heart. 3 Hungarian, 11 Western references.

1/1

MENTYUK, V.I.

The straw cutter should be modernized. Zhivotnovodstvo 20 no. 7:90
(MIRA 11:8)
Jl '58.

1. Starshiy zootekhnik Berezninskogo zakharnogo kombinata, Bukskiy rayon, Cherkasskaya oblast'.
(Agricultural machinery)

MENTYUK, V.I., zootehnik

Automatic waterer for young poultry. Mekh.sil'.hosp. 10 no.11:
20-21 N '59. (MIRA 13:3)
(Poultry--Watering)

MENTYUKOV, A., mayor

On zeroing-in with the aid of adjustment charts and distance scales. Voen. vest. 39 no.9:74-75 S '59. (MIRA 12:12)
(Artillery) (Range finding)

MENTYUKOV, V.P., inzh.

Use of earth-fill to build a dam out of gravelly and sandy soil.
Transp. stroi. 12 no.8:24-27 Ag '62. (MIRA 15:9)
(Surkhan-Darya River--Dams) (Earthwork)

KOSTYAKOVA, A.N., nauchn. sotr.; MELAMUT, D.L., kand. tekhn.
nauk, nauchn. sotr.; MENTYUKOV, V.P., inzh., nauchn.
sotr.

[Hydraulic fill of dams composed of gravelly soil] Namyyv
plotin iz gravelistykh gruntov. Moskva, Sel'khozizdat,
1963. 12 p. (MIRA 17:9)

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo kho-
zyaystva. Upravleniye nauki, propagandy i vnedreniya pe-
redovogo opyta. 2. Laboratoriya gidromekhanizatsii zem-
lyanykh rabot Vsesoyuznogo nauchno-issledovatel'skogo
instituta gidrotekhniki i melioratsii.

MATEVOSYAN, M.; GERCHIKOV, M.; MENUSHENKOV, P.; SAMANCHUK, M.

Control and responsibility for production quality. Sots. trud
(MIRA 14:8)
6 no.8:115-121 Ag '61.

1. Direktor Stalingradskogo metallurgicheskogo zavoda "Krasnyy Oktyabr'" (for Matevosyan). 2. Nachal'nik ot dela tekhnicheskogo kontrolya Kramatorskogo metallurgicheskogo zavoda imeni Kuybysheva (for Gerchikov). 3. Direktor Zlatoustovskogo metallurgicheskogo zavoda (for Menushenkov). 4. Direktor torfyanogo predpriyatiya "Pogoreloye", Spasskogo rayona Ryazanskoy oblasti (for Samanchuk).

(Steel industry—Quality control)
(Spasskiy District—Peat industry—Quality control)

KHASIN, G.A.; MENUSHENKOV, P.P.; PETROV, A.K.; OKHRIMOVICH, B.P.; DAVIDYUK,
V.N.; FILATOV, S.K.; VASIL'YEV, P.V.; LOKTIONOV, M.V.; GUREVICH, Yu.G.

New method of mold coating with petrolatum. Metallurg 5 no.5:21-24
(MIRA 14:3)
My '60.

1. Zlatoustovskiy metallurgicheskiy zavod i Chelyabinskij
politekhnicheskiy institut.
(Ingot molds) (Petrolatum)

MENUSHENKOV, P.P.; KHASIN, G.A.; VACHUGOV, G.A.; KRYLOV, S.M.; Prinimali uchastye:
KOLYASNIKOVA, R.I.; POCHEKOVSKIY, R.A.; ANTROPOV, O.F.

Improving the macrostructure and reducing nonmetallic inclusions in the
electric slag refining of alloyed steel. Stal' 23 no.12:1110-1112 D
'63. (MIRA 17:2)

1. Zlatoustovskiy metallurgicheskiy zavod.

NEKRASOV, A.M.: YENUSHIKOV, N.S., inzhener, redaktor; SOKOLOVA, L.V.,
tekhnicheskiy redaktor.

[Laying out air ducts] Razmetka vozdukhoprevodov. Moskva, Gos.
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 35 p.
(MIRA 3:9)

(Air pipes)

MENYAKHMETOV, Gennadiy Zakiyevich; YARUSHIN, I.P., red.;
SAPARNIYAZOV, N., tekhn. red.

[Present state and prospects for development of the production of building materials in the Kara-Kalpak S.S.R.] Sovremennoe sostoianie i perspektivy razvitiia proizvodstva stroitel'nykh materialov v Kara-Kalpakskoi ASSR. Nukus, Karakalpakske gos. izd-vo, 1960. 81 p.
(MIRA 15:7)
(Kara-Kalpak S.S.R.--Building materials industry)

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CIA-RDP86-00513R001033

MENYALOV, I.A.; NIKITINA, L.P.

Volcanoes of northern Kamchatka in 1962-1963. Biul. vulk.
sta. no.37:21-32 '64. (MIRA 18:3)

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CIA-RDP86-00513R001033

MENYASZ, I.

Assignments of the petroleum industry in the second Five-Year Plan.
p. 1. TEHNICA NOUA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor)
Bucuresti. Vol. 3, No. 33, Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

MENYAKIN, Yu., arkhitektor

New housing area. Zhil. stroi. no.9:14-17 '62. (MIRA 16:2)
(Volgograd—City planning)

1. MENYAKINA, N.
2. USSR (600)
4. Red Cross - Hungary
7. Hungarian Red Cross. Sov. kras. krest 3, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.